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UNITED STATES DEPARTMENT OF AGRICULTURE
WEATHER BUREAU
WASHINGTON

Rg
Forecast Division

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CIRCULAR

DISTRIBUTION OF WEATHER INFORMATION, FORECASTS, AND WARNINGS
BY RADIO FOR THE BENEFIT OF NAVIGATION ON THE GREAT LAKES

Weather forecasts and information for such States as are contiguous to the Great Lakes and forecasts and warnings for the Great Lakes, are broadcast during the navigation season (except as noted) by radio from a number of broadcasting stations cooperating with the United States Weather Bureau. The broadcasts of weather forecasts, warnings, and other pertinent information, have been arranged so as to be of special benefit to navigation, shipping, and aviation interests of the Great Lakes region, and are made daily, except as noted, from stations at important Lake ports. The daily forecasts of wind and weather are made separately for the upper and lower Lakes and are broadcast accordingly, as indicated in the following schedules:

BROADCASTING STATIONS AND SCHEDULES

DULUTH, MINN.

Station WME.—Intercity Radio Telegraph Co.
Radiotelegraph. Wave length 600 meters; spark.
10 a. m. and 4 p. m., 90th meridian time. (Except Sundays.)
Forecasts for the upper Lakes.
Storm warnings whenever issued.
Station WEBC.—Duluth News-Tribune.
Radiophone. Wave length 242 meters; 100 watts.
11 a. m. and 5 p. m., 90th meridian time.*
Forecasts for Duluth, Minnesota, and Wisconsin.†
Forecasts for upper Lakes.
Storm warnings whenever issued.

GREEN BAY, WIS. (De Pere.)

Station WHBY.—St. Norberts College.
Radiophone—Wave length 250 meters; 50 watts.
5 p. m., 90th meridian time.*
Forecasts for Green Bay and Wisconsin.†
Forecasts for the upper Lakes.
Storm warnings whenever issued.

MILWAUKEE, WIS.

Station WHAD.—The Marquette University.
Radiophone. Wave length 275 meters; 500 watts.
11 a. m., 90th meridian time.*
Forecast for Wisconsin.†
Forecasts for the upper Lakes.
Storm warnings whenever issued.

Station WSOE.—The School of Engineering.
Radiophone. Wave length 246 meters; 500 watts.
2:45 and 5:45 p. m., 90th meridian time.*
Forecasts for Milwaukee and Wisconsin.†
Forecasts for the upper Lakes.
Storm warnings whenever issued.

GREAT LAKES, ILL.

Station NAJ.—United States Navy.
Radiotelegraph. Wave length 1,988 meters, CW.
9:45 a. m. and 10 p. m., 90th meridian time.
Forecasts for upper and lower Lakes.
Storm warnings whenever issued.
Storm warnings issued in the afternoon are broadcast at 4 p. m., 90th meridian time.

CHICAGO, ILL.

Station WGO.—Radio Corporation of America.
Radiotelegraph. Wave length 890 meters, CW.
11 a. m., 4 p. m., and 9 p. m., 90th meridian time.
Forecasts for Chicago and vicinity.
Aviation forecasts for Zones 4 and 8.
Forecasts for the upper and lower Lakes.
Storm and small craft warnings whenever issued.

Station KYW.—Westinghouse Electric and Manufacturing Co.
Radiophone. Wave length 535 meters; 5,000 watts.
11 a. m. and 11 p. m., 90th meridian time. (Except Monday nights.)*
Forecasts for Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.†
Aviation forecasts for Zones 4 and 8.†
Forecasts for Lake Michigan.†
Storm warnings whenever issued.

Station WAAF.—The Daily Drivers Journal.
Radiophone. Wave length 278 meters; 500 watts.
10:30 a. m. and 12:30 p. m., 90th meridian time.*
Forecasts for Illinois, Indiana, Wisconsin, Minnesota, and Upper and Lower Michigan.†
Aviation forecasts for Zones 4 and 8.†
Forecasts for upper and lower Lakes.
General forecast.†
Storm warnings whenever issued.

Station WEBH.—Edgewater Beach Hotel. (Herald-Examiner.)
Radiophone. Wave length 370 meters; 5,000 watts.
9:10 p. m., 90th meridian time. (Except Sundays and Mondays.)
8:30 p. m. on Sundays only.
Forecasts for Chicago, Illinois, Indiana, Lower and Upper Michigan, Wisconsin, and Minnesota, and general forecast.†
Forecasts for upper and lower Lakes.
Storm warnings whenever issued.

Station WHT.—Radio Broadcasting Corporation.
Radiophone. Wave length 238 meters; 3,500 watts. (Using 400 meters temporarily.)
10:30 a. m. and 11 p. m., 90th meridian time. (Except Sundays and Mondays.)
Forecasts for Chicago, Illinois, Indiana, Lower and Upper Michigan, and Wisconsin.†
Aviation forecasts for Zones 4 and 8.†
Forecasts for upper and lower Lakes.
General weather forecast.†
Storm warnings whenever issued.

Station WLS.—Sears, Roebuck & Co.
Radiophone. Wave length 345 meters; 5,000 watts.
9 a. m., 90th meridian time.*
Repeated at 12 noon.
Forecasts for Chicago, Illinois, Indiana, Wisconsin, and Upper and Lower Michigan.†
Aviation forecast for Zones 4 and 8.†
Forecasts for upper and lower Lakes.
Storm warnings whenever issued.

MACKINAC ISLAND, MICH.

Station WHQ.—Mackinac Radio Service.
Radiotelegraph. Wave length 875 meters; spark, or CW.
10:15 a. m. and 4:15 p. m., 90th meridian time.
Forecasts for Lakes Huron, Michigan, and Superior.
Storm warnings whenever issued.

ROGERS, MICH.

Station WLC.—The Michigan Limestone and Chemical Co.
Radiotelegraph. Wave length 670 meters; spark and CW.
8:45 a. m., 75th meridian time: State of weather and wind direction and velocity at Mackinaw, Middle Island, Alpena, Tawas Point, Harbor Beach, and Port Huron. Barometric pressure at Alpena and Port Huron.
10:45 a. m. and 10:30 p. m., 75th meridian time: Weather forecast for upper Lakes. Storm and advisory warnings whenever issued.

ROGERS, MICH.—Continued.

4:45 p. m. and 8:45 p. m., 75th meridian time: State of weather and wind direction and velocity at 4 and 8 p. m., respectively, at Middle Island and Alpena; storm and advisory warnings whenever issued.

NOTE.—Information concerning condition of sea along the west shore of Lake Huron and currents and fluctuations of water level in Lake Huron will be included in the broadcasts whenever the weather is thick.

DETROIT, MICH.

Station WCX.—The Detroit Free Press.

Radiophone. Wave length 517 meters; 500 watts.

4 p. m., 75th meridian time.*

Forecasts for Lower Michigan and Detroit.†

Forecasts for the upper and lower Lakes.

Summary of weather conditions.†

Storm warnings whenever issued.

Station WJR.—Jewett Radio Co.

Radiophone. Wave length 517 meters; 5,000 watts.

9:45 p. m., 75th meridian time.*

Forecasts for Upper and Lower Michigan.†

Storm warnings whenever issued.

Station WWJ.—The Detroit Evening News.

Radiophone. Wave length 353 meters; 500 watts.

10:25 a. m., 11:55 a. m. and 3:50 p. m., 75th meridian time.*

Forecasts for Lower Michigan and Detroit.†

Forecasts for the upper and lower Lakes.

Summary of weather conditions.†

Storm warnings whenever issued.

CLEVELAND, OHIO

Station WEAR.—Goodyear Tire and Rubber Co.

Radiophone. Wave length 390 meters; 1,000 watts.

12 noon and 4 p. m., 75th meridian time.*

Barometric pressure, state of weather, and wind direction and velocity at 8 a. m. at Cleveland, Toledo, and Erie.

State of weather, height of clouds, visibility, wind direction, velocity, temperature, and barometer reading, at 10:30 a. m., for the benefit of aviation, are broadcast at 10:45 a. m., 75th meridian time.†*

Forecasts for Ohio and Cleveland.†

Forecasts for the lower and upper Lakes.

Summary of weather conditions.†

Storm warnings whenever issued.

Station WTK.—Intercity Radio Telegraph Co.

Radiotelegraph. Wave length 715 meters; spark and ICW.

11:05 a. m. and 4 p. m., 75th meridian time.

Barometric pressure, state of weather, and wind direction and velocity at 8 a. m. at Cleveland, Toledo, and Erie.

Forecasts for the lower and upper Lakes.

Summary of weather conditions.

Storm warnings for Lake Erie and advisory messages for the Great Lakes whenever issued.

PITTSBURGH, PA.

Station KDKA.—Westinghouse Electric Co.

Radiophone. Wave length 309 meters; 10,000 watts.

12 noon, 75th meridian time.*

Forecasts for Ohio and Pennsylvania.†

10 p. m., 75th meridian time. (Except Sundays.)

Forecasts for Pennsylvania, New York, Lower Michigan, Ohio, and Indiana.†

Storm warnings for upper and lower Lakes whenever issued.

BUFFALO, N. Y.

Station WAM.—Intercity Radio Telegraph Co.

Radiotelegraph. Wave length 715 meters; spark and ICW.

10:45 a. m. and 9 p. m., 75th meridian time.

BUFFALO, N. Y.—Continued.

Barometric pressure, state of weather, and wind direction and velocity at 8 a. m. and 8 p. m., respectively, at Buffalo and Oswego.

Forecasts for the lower Lakes (10:45 a. m. only).

Storm warnings whenever issued.

Station WGR.—Federal Telephone and Telegraph Co.

Radiophone. Wave length 319 meters; 750 watts.

12 noon and 11 p. m., except on Saturday nights, 75th meridian time.*

Forecasts for Buffalo and western New York.†

Storm warnings whenever issued.

ROCHESTER, N. Y.

Station WHAM.—University of Rochester.

Radiophone. Wave length 278 meters; 100 watts.

7:30 p. m., 75th meridian time.*

Forecasts for western New York.†

Forecasts for lower Lakes.

Storm warnings whenever issued.

Station WHEC.—Hickson Electric Co.

Radiophone. Wave length 258 meters; 100 watts.

12 noon, 75th meridian time.*

Forecasts for western New York.†

Forecasts for lower Lakes.

Storm warnings whenever issued.

* Daily, except Sundays and holidays.

† Broadcast made throughout the year.

NOTE.—Stations KDKA at Pittsburgh and KYW, WAAF, WEBH, WHT, and WLS at Chicago broadcast forecasts for several additional States which are not contiguous to the Great Lakes.

C. H. Marvin.

Chief of Bureau.

This Circular supersedes Circular No. 12, dated April 16, 1925.

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